

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING AND COMPLIANCE

STREAMLINED PROCESSING FOR AG OPERATIONS

PAGES 5	PAGE 1
APPL. NOS 475296	DATE 11/18/08
PROCESSED BY PV01	REVIEWED BY

FACILITY ID NUMBER: 16642

COMPANY NAME: ANHEUSER BUSH INC., (LA BREWERY)

MAILING ADDRESS: ONE BUSCH PLACE (260-2)
SAINT LOUIS, MO 63118

EQUIPMENT LOCATION: 15800 ROSCOE BLVD
VAN NUYS, CA 91406

BACKGROUND

The Anheuser-Busch facility is a major beer brewery and it is currently in AQMD Reclaim and Title V Programs..

HISTORY

Application No. 475296 was submitted and validated on 11/01/07.

No Notice to Comply or Notice of Violation has been issued to this facility.

EQUIPMENT DESCRIPTION

The following changes to existing tanks at this facility are being proposed by the applicant:

Devices **D680-D685** currently identified as Schoene Beer Balance Tanks are also to become Filtered Beer Surge Tanks, and

Devices **D754-D765** currently identified as Finishing Beer Tanks are to become Filtered Beer Surge Tanks,

Two existing water storage tanks are also to become Filtered Beer Surge Tanks. These were assigned Device numbers **D927 and D928**.

EQUIPMENT

DEVICE

CONDITIONS

TANK, FILTERED BEER SURGE, D680
BEER, 500 BBL
A/N: 475296

TANK, FILTERED BEER SURGE, D681
BEER, 500 BBL
A/N: 475296

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING AND COMPLIANCE

STREAMLINED PROCESSING FOR AG OPERATIONS

PAGES 5	PAGE 2
APPL. NOS 475296	DATE 11/18/08
PROCESSED BY PV01	REVIEWED BY

TANK, FILTERED BEER SURGE, D682
BEER, 500 BBL
A/N: 475296

TANK, FILTERED BEER SURGE, D683
BEER, 500 BBL
A/N: 475296

TANK, FILTERED BEER SURGE, D684
BEER, 500 BBL
A/N: 475296

TANK, FILTERED BEER SURGE, D685
BEER, 500 BBL
A/N: 475296

TANK, FILTERED BEER SURGE, D754
BEER, 500 BBL
A/N: 475296

TANK, FILTERED BEER SURGE, D755
BEER, 500 BBL
A/N: 475296

TANK, FILTERED BEER SURGE, D756
BEER, 500 BBL
A/N: 475296

TANK, FILTERED BEER SURGE, D757
BEER, 500 BBL
A/N: 475296

TANK, FILTERED BEER SURGE, D758
BEER, 500 BBL
A/N: 475296

TANK, FILTERED BEER SURGE, D759
BEER, 500 BBL
A/N: 475296

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING AND COMPLIANCE

STREAMLINED PROCESSING FOR AG OPERATIONS

PAGES 5	PAGE 3
APPL. NOS 475296	DATE 11/18/08
PROCESSED BY PV01	REVIEWED BY

TANK, FILTERED BEER SURGE, D760
BEER, 500 BBL
A/N: 475296

TANK, FILTERED BEER SURGE, D761
BEER, 500 BBL
A/N: 475296

TANK, FILTERED BEER SURGE, D762
BEER, 500 BBL
A/N: 475296

TANK, FILTERED BEER SURGE, D763
BEER, 500 BBL
A/N: 475296

TANK, FILTERED BEER SURGE, D764
BEER, 500 BBL
A/N: 475296

TANK, FILTERED BEER SURGE, D765
BEER, 500 BBL
A/N: 475296

TANK, FILTERED BEER SURGE, D927
BEER, 500 BBL
A/N: 475296

TANK, FILTERED BEER SURGE, D928
BEER, 500 BBL
A/N: 475296

PROCESS DESCRIPTION

The existing tanks described here are or will be part of the beer making process.

The Schoene Beer Balance Tank's function is to receive beer from the Schoene Tank (a settling tank) and to provide a flow buffer prior to the beer being sent to downstream filter equipment. These are essentially flow-through tanks. Emissions from these tanks occur monthly when they are emptied for cleaning and then are brought back into service.

PAGES 5	PAGE 4
APPL. NOS 475296	DATE 11/18/08
PROCESSED BY PV01	REVIEWED BY

The Filtered Beer Surge Tank's function is to receive beer from the beer filtering equipment and to provide a flow buffer prior to the beer being sent downstream to the Finishing Beer Tanks. These are also essentially flow-through tanks and will generate emissions once a quarter when they are emptied for cleaning and then are brought back into service.

The existing two water storage tanks previously held water that was used to adjust the final specific gravity of the beer. There are normally no emissions associated with these tanks however, once converted to filtered Beer Surge tanks there will be emissions during the quarterly cleaning events as described above.

DATA AND ASSUMPTIONS

Facility Operating Schedule: 24 hours/day, 7 days/week, 52 weeks/year.

EMISSION CALCULATIONS

Source – 20 Beer Tanks

VOC emissions

Please, refer to Reference 1 for the calculation of emissions.

The net emission change for the beer tanks totals -8.59 lb of VOC/year.

Summary of Emissions

POLLUTANT	<u>R1</u>	<u>R2</u>	<u>lb/day</u>	<u>30-day</u> <u>ave</u>	<u>lb/yr</u>
VOC	nil	nil	nil	nil	-8.59

RULES AND REGULATIONS

Rule 212 Standards for Approving Permits and Issuing Public Notice. This project is not subject to notification requirements since there is no K-12 school within 1,000 ft from this facility.

Rule 219 Equipment Not Requiring A Written Permit Pursuant To Regulation II, this facility is not exempt and it is subject to AQMD permit requirements.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING AND COMPLIANCE

STREAMLINED PROCESSING FOR AG OPERATIONS

PAGES 5	PAGE 5
APPL. NOS 475296	DATE 11/18/08
PROCESSED BY PV01	REVIEWED BY

- Rule 401 Visible Emissions. Based on experience with this equipment, this equipment is expected to comply with the visible emission limit.
- Rule 402 Nuisance. Based on experience with similar equipment, nuisance complaints are not expected.
- Reg. 13 New Source Review. Facility is not subject to this rule since it is an existing facility and there was a decrease in VOC emissions.
- Rule 1401 New Source Review of Toxic Air Contaminants. This rule is not applicable to this facility since there was a decrease in VOC emissions.
- Rule 1402 Control of Toxic Air Contaminants from Existing Sources. Facility is not subject to this rule since there was a decrease in VOC emissions.
- Reg. XXX Title V Determination: This facility is deemed to be a Title V facility and an initial Title V Facility Permit application was already submitted for this facility.

PERMIT WORDING:

The Reclaim/Title V facility permit will be revised using the Equipment Description shown above.

CONCLUSIONS/RECOMMENDATIONS

This facility is expected to comply with all applicable District Rules and Regulations. The following is recommended: Issue a Permit to Operate with the following conditions:

1. OPERATIONS OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED TO THE DISTRICT WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

REFERENCES

1. Letter from Anheuser-Busch to AQMD, dated October 23, 2007, Subject: Stockhouse 6 Project-Conversion of Existing Tanks.